

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	2811869
<b>Application Number:</b>	10789387
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	4947
<b>Title of Invention:</b>	Apparatus and associated methods to introduce diversity in a multicarrier communication channel
<b>First Named Inventor/Applicant Name:</b>	Lei Shao
<b>Customer Number:</b>	45209
<b>Filer:</b>	Paul Mendonsa/Michelle Evans
<b>Filer Authorized By:</b>	Paul Mendonsa
<b>Attorney Docket Number:</b>	042390.P16330
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<b>Application Type:</b>	Utility under 35 USC 111(a)

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Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed	42P16330_IDS_02-04-08.pdf	419037	no	3
			416aeffaf31f112f3c7f402273c8fbc03f09d5e3		
Warnings:					
Information:					
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2	Foreign Reference	WO2004077734.pdf	1437262	no	34
			0348a19c19e4c7c3f476c450c106e79dc761fb01		
Warnings:					
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3	NPL Documents	P16330X_Boleskei.pdf	978618	no	6
			2711fd281ad6982bca7f9f19f5e201dd42cab367		
Warnings:					
Information:					
4	NPL Documents	P16330X_Guillaud.pdf	492860	no	4
			133ad221863cod7987c8aabb74c7f4aed9e95608		
Warnings:					
Information:					
5	NPL Documents	P16330X_Lihua.pdf	644650	no	5
			308ff894e6e58efef6e8a2f11fd86c7387ed0892		
Warnings:					
Information:					
6	NPL Documents	P16330X_Shao.pdf	700964	no	5
			3a016a6b264e8a9a2053ce2f83f0a4f8307e67d		
Warnings:					
Information:					
7	Fee Worksheet (PTO-06)	fee-info.pdf	8209	no	2
			75d84c14f7f714771ca8d47f9b1476a166e0a039		
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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

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**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.